U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Summary of Monthly Normals
1991-2020

Generated on 11/06/2026

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Current Location: Elev: 1430 ft. Lat: 43.5878° N Lon: 96.7289° W

Station: **SIOUX FALLS, SD US USW00014944**

Temperature (°F)

	Mean						Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (above)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std Dev	Long Term Min Std Dev	Long Term Avg Std Dev	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
01	27.2	8.5	17.9	5.3	5.9	5.5	0.0	0.0	0.0	0.0	0.0	0.0	1151.4	1213.4	1306.3	1461.4	0.0	0.0	0.8	19.9	30.8	10.4
02	32.0	12.6	22.3	7.2	7.1	7.0	0.1	0.1	0.0	0.0	0.0	0.0	915.6	971.5	1055.4	1195.4	0.0	0.0	2.5	15.3	27.2	6.6
03	45.0	24.3	34.7	6.6	4.7	5.4	5.8	3.6	1.8	0.6	0.1	0.0	636.7	696.6	787.7	941.5	0.0	0.0	10.4	6.4	24.6	1.5
04	59.0	35.5	47.2	4.5	3.5	3.8	38.8	27.5	15.6	5.1	1.1	0.4	271.4	320.0	398.1	537.6	0.0	0.1	22.1	0.8	12.6	0.0
05	70.8	47.5	59.1	3.4	2.8	2.9	186.4	147.5	99.6	45.4	15.4	8.5	57.7	80.9	126.1	226.7	0.0	0.5	30.2	0.0	1.4	0.0
06	80.9	58.8	69.9	3.0	2.7	2.7	447.0	388.8	304.3	177.8	81.7	55.4	1.7	3.5	9.0	32.5	0.0	3.0	30.0	0.0	0.0	0.0
07	85.3	63.4	74.4	3.7	3.0	3.2	599.7	537.7	445.0	294.4	160.1	116.2	0.0	0.0	0.3	4.7	0.4	6.5	31.0	0.0	0.0	0.0
08	82.8	61.1	72.0	2.6	2.5	2.3	525.4	463.7	372.0	227.3	110.3	74.9	0.1	0.3	1.7	11.9	0.2	3.5	31.0	0.0	0.0	0.0
09	75.6	51.9	63.8	3.2	3.5	3.0	284.8	236.8	173.1	88.8	36.5	23.3	22.5	34.5	60.8	126.4	0.0	1.3	29.8	0.0	0.8	0.0
10	61.1	38.1	49.6	4.1	3.0	3.3	57.9	41.5	24.1	7.9	2.1	1.0	225.3	270.9	346.5	485.3	0.0	0.1	25.0	0.4	10.0	0.0
11	45.0	24.5	34.8	6.8	4.2	5.4	3.5	2.0	0.9	0.2	0.0	0.0	611.0	669.5	758.4	907.7	0.0	0.0	10.4	6.5	24.3	0.6
12	31.6	13.4	22.5	5.8	5.3	5.4	0.0	0.0	0.0	0.0	0.0	0.0	1007.3	1069.3	1162.2	1317.3	0.0	0.0	1.6	16.3	30.4	5.9
Summary	58.0	36.6	47.4	4.7	4.0	4.2	2149	1849	1436	847	407	280	4901	5330	6012	7248	0.6	15.0	224.8	65.6	162.1	25.0

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Summary of Monthly Normals
1991-2020

Generated on 11/06/2026

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Current Location: Elev: 1430 ft. Lat: 43.5878° N Lon: 96.7289° W

Station: **SIOUX FALLS, SD US USW00014944**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	0.25	0.50	0.75
01	0.60	7.0	1.8	0.1	0.0	0.36	0.52	0.76
02	0.83	7.0	2.6	0.3	0.0	0.41	0.68	1.16
03	1.60	8.2	3.7	0.7	0.3	0.77	1.24	2.06
04	3.00	10.2	6.1	1.9	0.6	2.06	2.67	3.52
05	3.86	12.1	7.1	2.8	0.8	2.05	3.29	5.38
06	4.23	11.8	7.3	2.5	1.1	3.07	3.75	4.46
07	3.25	9.0	5.3	2.2	0.7	1.46	2.54	4.75
08	3.34	9.4	5.4	2.5	1.1	1.77	2.89	5.07
09	2.73	8.1	4.6	1.7	0.6	1.35	2.26	3.93
10	2.36	7.9	4.3	1.4	0.6	0.88	1.77	2.99
11	1.22	6.2	2.6	0.6	0.2	0.36	1.01	1.71
12	0.83	7.0	2.3	0.4	0.0	0.26	0.74	1.29
Summary	27.85	103.9	53.1	17.1	6.0	14.80	23.36	37.08

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Summary of Monthly Normals
1991-2020

Generated on 11/06/2026

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Current Location: Elev: 1430 ft. Lat: 43.5878° N Lon: 96.7289° W

Station: **SIOUX FALLS, SD US USW00014944**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	8.00	7.3	2.0	0.9	0.3	0.0	22.3	15.2	10.0	2.6	4.90	8.20	9.90
02	8.60	6.8	2.5	1.0	0.2	0.0	15.9	10.9	7.9	3.7	4.30	7.50	13.00
03	7.20	5.1	1.9	0.7	0.3	0.0	10.1	6.1	3.6	0.9	3.00	7.20	9.20
04	5.10	2.2	1.3	0.6	0.3	0.1	2.3	1.2	0.5	0.1	0.10	2.90	6.90
05	0.10	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	1.40	0.9	0.6	0.1	0.0	0.0	0.5	0.1	0.0	0.0	0.00	0.00	1.50
11	6.20	3.5	1.4	0.8	0.4	0.1	5.3	2.9	2.0	0.3	0.80	5.30	9.50
12	8.70	6.9	2.7	0.8	0.3	0.0	16.4	10.0	5.9	1.1	3.20	8.30	12.50
Summary	45.3	32.8	12.5	4.9	1.8	0.2	72.9	46.4	29.9	8.7	16.3	39.4	62.5

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Summary of Monthly Normals 1991-2020

Generated on 11/06/2026

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Current Location: Elev: 1430 ft. Lat: 43.5878° N Lon: 96.7289° W

Station: **SIOUX FALLS, SD US USW00014944**

Growing Degree Units (Monthly)

Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**
40	1.1	9.1	79.5	261.2	594.1	895.3	1064.6	990.3	712.5	328.1	69.1	3.1
45	0.0	2.6	40.3	158.4	443.4	745.3	909.6	835.3	563.8	211.0	31.2	0.5
50	0.0	0.8	17.3	84.6	304.5	595.6	754.7	680.3	419.2	119.9	11.8	0.0
55	0.0	0.1	5.8	38.8	186.4	447.0	599.7	525.4	284.8	57.9	3.5	0.0
60	0.0	0.0	1.8	15.6	99.6	304.3	445.0	372.0	173.1	24.1	0.9	0.0
Growing Degree Units for Corn (Monthly)												
50/86	2.1	8.7	58.9	168.3	358.4	584.3	721.1	662.8	448.2	202.1	50.1	3.9

Growing Degree Units (Accumulated Monthly)

40	1	10	90	351	945	1840	2905	3895	4608	4936	5005	5008
45	0	3	43	201	645	1390	2300	3135	3699	3910	3941	3941
50	0	1	18	103	407	1003	1758	2438	2857	2977	2989	2989
55	0	0	6	45	231	678	1278	1803	2088	2146	2149	2149
60	0	0	2	17	117	421	866	1238	1411	1435	1436	1436
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	2	11	70	238	596	1181	1902	2565	3013	3215	3265	3269

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.